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(54) Title: TREATMENT OF FIBROUS SUBSTRATES WITH SILSESQUIOXANES AND STAINBLOCKERS

(57) Abstract: This invention relates to a method for imparting soil-resistant, stain-resistant and optional water-repellent properties to fibrous substrates (such as carpet fibers) by applying an acidic, aqueous treating composition containing at least one silsesquioxane, at least one stainblocker to the substrate. The composition may further contain a metal salt and/or a fluorochemical or hydrocarbon repellent material.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06M15/41 D06M15/263 D06M15/643 D06M15/227 D06M15/233

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 781 844 A (KORTMANN WILFRIED ET AL) 1 November 1988 (1988-11-01) the whole document ---	1-12
A	US 3 677 810 A (CAMPBELL JAMES K ET AL) 18 July 1972 (1972-07-18) the whole document ---	1-12
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P,X	US 6 225 403 B1 (KNOWLTON BARRY R) 1 May 2001 (2001-05-01) claims 1,6,10,11,15-18; table 4 -----	1,5-9

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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